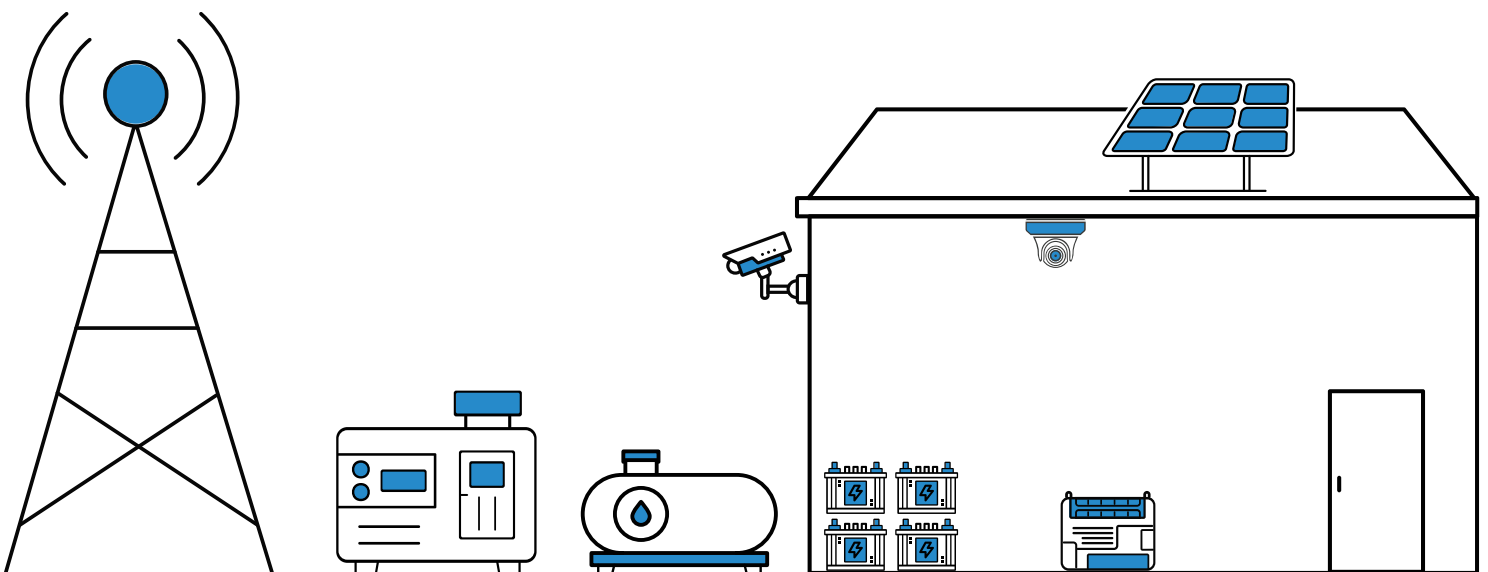


TRANSFORMING CCTV SURVEILLANCE INTO SMART SECURITY



Introduction

Security of telecom tower sites is a growing concern due to increasing security threats, vandalization, battery thefts, and diesel thefts. Installation of CCTV surveillance solutions has become a necessity to ensure the safety and security of telecommunication infrastructure. However, video streaming to a central network operations center (NOC) can be expensive, and traditional DVR or NVR systems installed in these Tower Sites only enable post-incident video analysis. In this document, we examine the benefits of INVENDIS' smart surveillance systems, which uses existing CCTV cameras* to monitor and transmit alarm signals immediately to the operations teams.



*conditions apply

Challenges

Telecom infrastructure sites often face the challenges of:

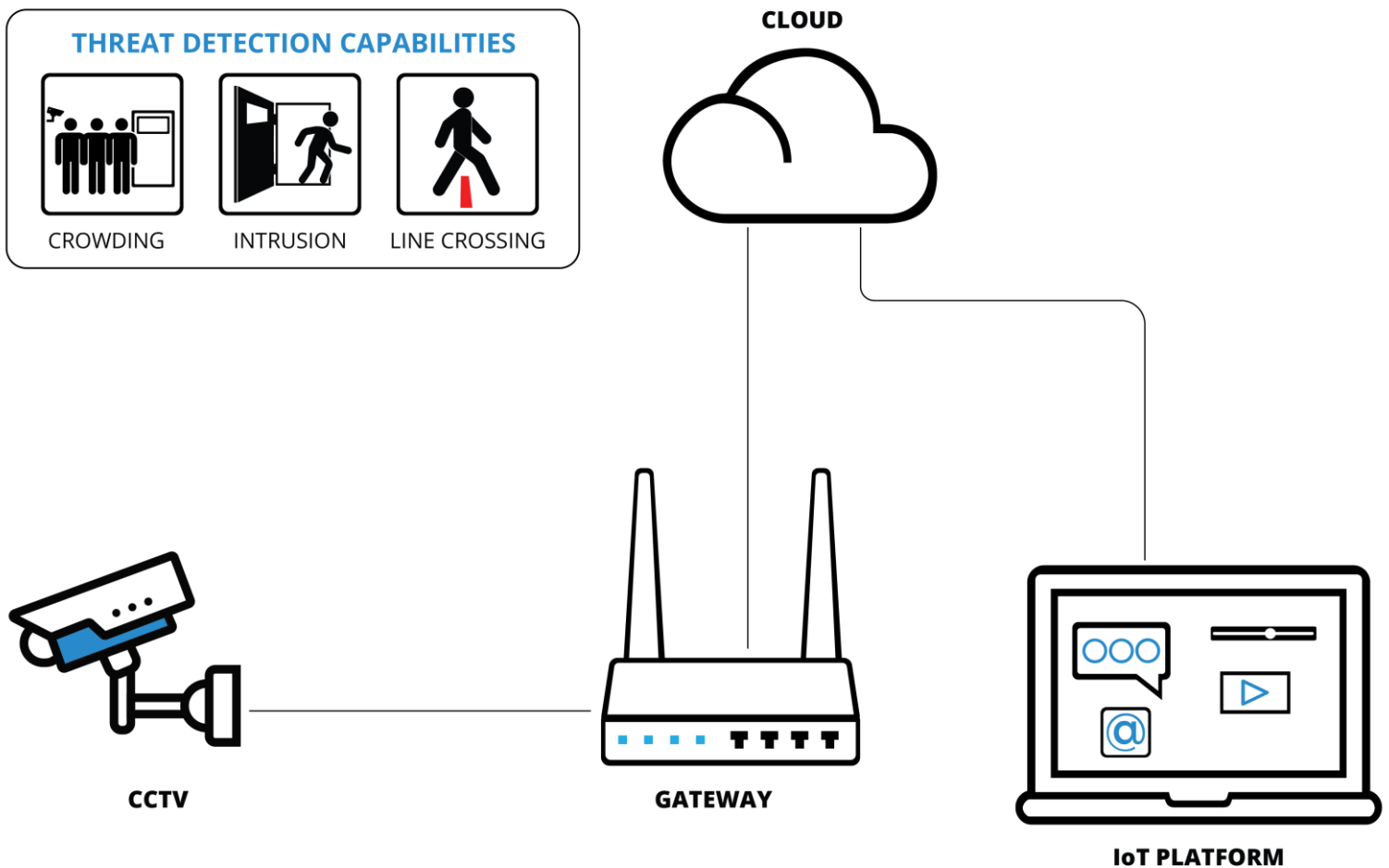
- Security threats
- Intruders
- Battery and diesel theft
- Loitering

The traditional approach of monitoring requires either central monitoring of all CCTV cameras and/or installing video storage systems such as DVR or NVR in each tower site resulting in increased costs for MNOs and TowerCos. With no immediate access to anomalies, traditional approach do not offer any preventive measures.



INVENDIS' Smart Surveillance Systems - The Solution

INVENDIS has developed a technology that produces smart surveillance systems that convert existing CCTV cameras* into intelligent surveillance systems. These smart surveillance systems rely on edge devices and cloud-based analytics to extract relevant information and quickly alert the operations team in case of any incident.



*conditions apply

Benefits of Smart Surveillance Systems

Increased Security: INVENDIS' smart surveillance systems enable telecom tower sites to detect and identify incidences, thus improving security.

Real-time Alerts: Smart surveillance systems analyse image (frame) feeds in real-time and when an intrusion is detected, the operations team is notified immediately with alerts that include incident images.

Significant Cost Savings: Traditional systems involve video streaming or video data storage in local DVR/ NVR, resulting in high capital expenditure and huge data transfer costs. However, smart surveillance systems leverage existing infrastructure without requiring additional bandwidth, resulting in significant cost savings.

Customizable: INVENDIS' smart surveillance systems can be customized to suit specific site requirements, with the ability to detect incidents such as crowding at site, intrusion, loitering etc.

Remote Management: With remote access capability, smart surveillance systems can be managed and monitored, enabling effective incident management, and ensuring that any necessary preventive measures can be taken before any damage is done.

Conclusion

With INVENDIS' smart surveillance systems, MNOs and TowerCos can enhance security, reduce operational costs, and quickly identify and resolve any security threats. The customizable and remote management features of the smart surveillance systems ensure that they meet specific requirements while providing real-time alerts that are instrumental in incident management.



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Routers



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26+
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500,000+
Connected Assets



20,000+
Enterprise Users

